

Professor J. Maisin, Louvain, director of the Institute and Center against Cancer at Louvain, professor at the University of Louvain.

Professor T. Marie, Toulouse, professor in the Medical College of the University of Toulouse, head of the Anti-Cancer Center at Toulouse.

Dr. James A. Murray, London, fellow Royal Society, director of Imperial Cancer Research Fund.

Dr. Claude Regaud, Paris, director Pasteur Laboratory of the Radium Institute.

Professor Gustav Roussy, Paris, director of the Laboratory of Pathologic Anatomy at the University of Paris, director of the Institute for Research and Treatment of Cancer at Villejuif (near Paris).

Dr. Albert Reverdin, Geneva, treasurer and general secretary of the Anti-Cancer Center of Geneva, member of Swiss Anti-Cancer League.

Among Americans who will take part in the meeting are Dr. Howard Canning Taylor, president; Dr. Francis Carter Wood, of New York, vice-president; Dr. Thomas M. Debevoise, secretary, and Dr. Soper, managing director of the society. According to plan, the meetings began on the evening of September 18 with an open session at which a number of popular addresses were made. All sessions were held in the large assembly hall of the Lake Mohonk House on the shore of Lake Mohonk.

Dr. Taylor, president of the society, opened the first formal session by delivering the annual address. Dr. Soper followed with an address on the purpose and plan of the meeting. This was followed by an address of welcome to the foreign guests by Professor William H. Welch, director of the School of Hygiene and Public Health of the Johns Hopkins University, in behalf of the American medical profession.

The reply in behalf of the foreign visitors was made by Sir John Bland-Sutton, Bart., of London.

The members of the conference started on Monday morning for Lake Mohonk from the Hotel Roosevelt and made the trip up the Hudson on a Hudson River Day Line steamer, stopping for lunch at Bear Mountain. From there the party proceeded by automobile to West Point and planned to return by way of Cornwall over the Storm King Highway to Mohonk.

SCIENTIFIC NOTES AND NEWS

THE National Academy of Sciences will hold its autumn meeting at the University of Pennsylvania and the Wistar Institute of Anatomy, Philadelphia, on November 8, 9 and 10.

THE Sixth International Congress of Philosophy held at Cambridge closed on September 16. The seventh congress will be held at Oxford in 1930, under the presidency of Professor J. A. Smith, of the University of Oxford. Lord Balfour and Lord Haldane were elected honorary presidents.

THE fifteenth award of the Willard Gibbs medal of the Chicago Section of the American Chemical Society was made on September 17 to Sir James Colquhoun Irvine, principal and vice-chancellor of the University of St. Andrews, in recognition of his contributions to the knowledge of carbohydrates; the medal has only twice before been awarded to a chemist from abroad, namely, to Dr. Svante Arrhenius and to Madame Curie.

CHARLES EDISON has succeeded his father, Thomas A. Edison, as president of all the Edison companies, which include the Edison Storage Battery Company, the Edison Phonograph Distributing Company, Thomas A. Edison, Inc., and other organizations comprising the Edison industries. Mr. Edison has become chairman of the board of directors.

SAMUEL INSULL, JR., was elected president of the Northern Indiana Public Service Company at a recent meeting of the board of directors. Samuel Insull at the same meeting resigned from the presidency and was elected chairman of the company. Mr. Insull, Jr., has also been elected president of the Midland Utilities Company, to succeed his father, who became chairman of the board.

A. ATWATER KENT, known for his work on radio development, has received from Worcester Polytechnic Institute the honorary degree of doctor of engineering.

DR. R. J. A. BERRY, professor of anatomy in the University of Melbourne, has accepted the Rockefeller Foundation's invitation to visit the United States and discuss the proposed establishment of a medical research institute in connection with the erection of the new Melbourne Hospital.

W. A. MOORE has left the University of Akron, where he served as professor of analytical chemistry for five years, to take up the work of research rubber chemist for the Watson Stabilator Co., Philadelphia, Pa.

M. M. AUSTIN has resigned his position as assistant professor in applied chemistry in the University of Illinois, to become research metallurgist with the Fansteel Products Co., Chicago, Ill.

DR. GEORGE P. MERRILL, head curator of geology in the National Museum under the Smithsonian Institution, has returned to Washington. After attending the Fourteenth International Geological Congress at Madrid, during which he visited the old quicksilver mines in Spain and spent ten days on the Island of Majorca, he made a tour of the principal museums of Europe. These included the museums at Madrid, Paris, Berne, Zurich, Vienna, Prague, Brussels and London.

DR. R. S. BASSLER, of the U. S. National Museum, who is spending several months abroad, writes to the museum as follows: "Monsieur Ferdinand Canu, of Versailles, France, has presented his entire collection of fossils, except the bryozoa which are duplicated in our collections, to the National Museum. This gift, consisting of 100,000 French fossils, is a noteworthy accession."

DR. FRANK E. E. GERMANN, professor of chemistry in the University of Colorado, after spending the past year on sabbatical leave, has returned to Boulder. He spent the year in research on the platino-cyanides under the auspices of the Carnegie Institution, in the physics and chemistry laboratories of Cornell University.

AN exchange of posts for the academic year 1926-27 has been effected between Dr. W. H. Pearsall, reader in botany in the University of Leeds, and Professor Otis F. Curtis, professor of plant physiology at Cornell University.

PROFESSOR BENJAMIN M. DUGGAR, of Washington University, St. Louis, has been made a member and chairman *pro tempore* of the board of trustees of the Bermuda Biological Station.

DR. DONALD H. MENZEL, instructor in astronomy in the Ohio State University, has been appointed to the position of assistant astronomer in the Lick Observatory.

CHAS. R. FETTKE and W. A. Copeland, of the Carnegie Institute of Technology, who have been making a detailed geological survey of the Bradford Quadrangle for the Pennsylvania Topographic and Geological Survey, have returned to Pittsburgh. Field work will be continued next summer. That portion of the quadrangle included within the limits of the Bradford oil field is being mapped on a scale of 500 feet to the inch with structure contours on top of the Bradford sand at 5-foot intervals. The different methods of oil recovery at present employed and the results obtained are also being studied.

DR. EZRA ALLEN has been granted a year's leave of absence from Ursinus College. He has been appointed research associate of the Carnegie Institution of Washington and will work at Cold Spring Harbor on sex determination. He spent several weeks during the summer at the Institute of Anatomy, Liège, Belgium.

J. A. FERGUSON, head of the forestry instruction at Pennsylvania State College, has been granted leave of absence so that he may act as visiting professor of forest management at the Yale School of Forestry during the coming college year.

JAMES M. BELL, head of the department of chemistry of the University of North Carolina, has been granted leave of absence for one year and will spend the time in Europe.

FLORENCE M. FROST, director of the laboratories of The Polyclinic, Memphis, Tenn., has been granted a leave of absence and will spend the winter at the London School of Hygiene and Tropical Medicine.

DR. G. E. HARMON, of the department of hygiene and bacteriology of the School of Medicine of Western Reserve University, has returned to Cleveland after a year spent in research and study with Professor Karl Pearson at the Biometric Laboratory, University College, London.

PROFESSOR W. A. COGSHELL, head of the department of astronomy and director of the Kirkwood Observatory of Indiana University, spent the summer months in research at the Lowell Observatory, Flagstaff, Arizona. He was among other things especially occupied with photographic observations on the Milky Way.

PROFESSOR GEORGE H. SCOTT, for seven years dean of the Illinois College, was stricken with paralysis in the course of registration week and died on September 12. Before coming to Illinois College in 1919, Professor Scott served for some fifteen years as head of the department of mathematics of Yankton College, S. Dak.

DR. J. L. E. DREYER, of Oxford, director of the Armagh Observatory, Ireland, from 1882 to 1916, died on September 14, aged seventy-four years.

DR. RUDOLF CHRISTOPH EUCKEN, from 1874 until his retirement in 1920 professor of philosophy in the University of Jena, died on September 15, aged eighty years. Professor Eucken received the Nobel Prize in literature in 1908 and was exchange professor at Harvard University in 1912.

THE death at the age of fifty-seven years by disease contracted through research on X-rays is announced of Dr. Maxime Ménard, the French Röntgenologist.

DR. ERNEST LECHER, professor at the University of Vienna and a member of the Austrian committee of the International Electrotechnical Commission, died recently at the age of 70. Dr. Lecher was known for his many electrical experiments and particularly those in connection with the measurement of Hertzian waves.

ACCORDING to cablegrams to the daily press, Dr. Fritz Paneth and Dr. Peters, of the University of Berlin, have published an article in the current

issue of the journal of the German Chemical Society reporting the transformation of hydrogen into helium.

THE International Union of Pure and Applied Chemistry has adjourned its Washington meeting. The foreign delegates are visiting chemical centers in this country, including Wilmington, Pittsburgh, Schenectady and Niagara Falls, and were expected to reach New York City on September 23. The next meeting will be held in Poland by invitation of that government. At the 1927 conference German delegates will be admitted.

THE eighty members of the Cambridge University Medical Society, who have been visiting medical institutions in the United States and Canada, sailed for England on September 11.

A MEETING of the International Fisheries Commission—United States and Canada—was held in Victoria, British Columbia, on July 1, 1926. This meeting was attended by Henry O'Malley, commissioner of fisheries, and Miller Freeman, representing the United States, and John P. Babcock, representing Canada. W. A. Found, the other member for Canada, could not be present.

THE third meeting of Scandinavian chemists has recently been held in Helsingfors, Finland. Before the close of the meeting it was resolved to favor the early establishment of uniform and efficient legislation regarding the control of all sorts of food-stuffs in the Scandinavian countries. On the invitation of the Norwegian Chemical Society it was voted to hold the fourth chemists' meeting in Oslo, Norway, in 1932.

THE Optical Convention held recently at the Imperial College of Science, London, was the third of the kind; the previous meetings were in 1905 and 1912. The convention was opened by the prime minister, Mr. Stanley Baldwin. In his presidential address, the astronomer royal of Great Britain, Sir Frank Dyson, reviewed the progress of optical manufacture and remarked on the contribution of astronomers to the art of optical design. The ophthalmic section of the convention, in which alone there were more than thirty exhibits, was visited by more than 8,000 persons. About 100 technical papers were read at the meeting by leading British authorities in various branches of optics.

THE Department of Marine and Fisheries of Canada has begun to give its hatchery officers courses of scientific training through the agency of the Biological Board of Canada. Last month short courses of two weeks each were given in chemistry and physics, anatomy and physiology, fish diseases and fish foods. The lectures and demonstrations were held partly in Dalhousie University, Halifax, and partly at the Biological Station, Halifax, Canada.

FULL facilities of the George William Hooper Foundation for Medical Research, together with the use of its auxiliary department for the study of game diseases which may occur, has been proffered to the California Fish and Game Commission by Dr. K. F. Meyer, in charge of the foundation work in San Francisco.

AN expedition under the auspices of the New York Zoological Society and the Roosevelt Memorial Society to explore "The River of Doubt," which has since been named the Roosevelt River by the government of Brazil, will be undertaken by Robert Young Dyott, Eugene Bussey and Arthur Perkins, of New York.

A DIVISION for foreign and colonial affairs has been established in the institute for agriculture at the University of Frankfurt-on-Main, under the direction of Professor Otto Köbner, of Berlin.

WE learn from the American Medical Association that the provost of Indiana University stated in reply to an inquiry that during the ensuing eighteen months new construction and equipment at the Indiana University Medical Center in Indianapolis will include a \$250,000 convalescent home contributed by the Rotary Clubs of Indiana; a \$150,000 annex to the James Whitecomb Riley Hospital for Children, contributed by the Kiwanis Clubs of Indiana, and the construction and equipment of a \$500,000 nurses' home and school, which sum was donated by the Ball Brothers of Muncie; the remainder of the \$1,800,000 recently contributed to the hospital will be used to pay some indebtedness on the original construction and for an endowment fund; when completed, the Riley Hospital will have cost about \$3,000,000. There is being constructed now the William H. Coleman Hospital for Women, which will cost \$350,000; this sum was donated by William H. Coleman and wife, of Indianapolis. Next season, a \$150,000 addition to the Indiana University School of Medicine will be constructed.

A HOSPITAL is being constructed at a cost of \$225,000 for the Dartmouth Medical School. It is the gift of Mr. and Mrs. E. K. Hall, of New York, in memory of their son. The hospital will be known as "Dick Hall's House."

THE medical laboratory of the University of Iowa, which has been built at a cost of \$800,000, will be ready for use in October.

THE Commonwealth Fund is making studies in eleven northern and mid-western states to determine the location of the third rural hospital to be constructed under the cooperative program initiated by the fund last February. The first institution is to be at Farmville, Va., where the contracts for its con-

struction have recently been let by Henry J. Southmayd, director of the fund's Division of Rural Hospitals. The second hospital unit will also be in the south, although its exact location has not as yet been chosen. In planning the third hospital, correspondence is being conducted with many cities and towns in the north and northwest. When applications are approved the fund will give two thirds of the cost of construction and equipment, while the community gives one third and the cost of upkeep. The Commonwealth Fund, of which Edward S. Harkness is president and Barry C. Smith general director, was chartered in 1918. In addition to her initial gift at that time, Mrs. Harkness made subsequent donations increasing the capital to \$38,000,000. Child welfare and education work have been the main aims of the fund, which last year established twenty annual fellowships for British students in American universities.

Industrial and Engineering Chemistry states that in accordance with the regulations of the "van't Hoff Fund," founded June 28, 1913, the Royal Academy of Sciences which has supervision of the fund is preparing to give the annual grants to selected investigators in the field of pure and applied chemistry, who will have applied for such grants before November 1, 1926. The committee charged with considering the applications and awarding the grants consists of A. F. Holleman, president; F. M. Jaeger, A. Smits and J. P. Wibaut, secretary. This committee may appoint other members for one year only, to cooperate in judging the applications made. The names of persons to whom a grant is allowed will be published. The grantees are requested to send to the committee copies of papers relating to the results of their work, but they are at liberty to choose the manner of publication, as well as the journal in which they wish to publish their results, as long as they mention the fact that the research was made with an endowment from the "Van't Hoff Fund." The amount available for 1927 is about 1200 Dutch guilders. Applications should be sent by registered mail to Het Bestuur der Koninklijke Akademie van Wetenschappen, bestemd voor de Commissie van het "Van't Hoff-fonds," Trippenhuis, Kloveniersburgwal, Amsterdam, with a detailed account of the proposed use of the grant, and of the reasons on which the candidates ground their claim. They must be received before November 1, 1927.

THE Hague correspondent of the London *Times* writes in regard to the experiments of Professor Keesom, of the University of Leyden, who has succeeded in solidifying helium, as follows: "Many attempts had been made before by Professor Kamerlingh Onnes. With the help of very strong pumps a temperature of less than nine-tenths of a degree above

absolute zero was obtained, but at this temperature the helium remained in a liquid state. On June 25, however, by subjecting the helium to a pressure of 150 atmospheres and a temperature of $4\frac{1}{4}$ degrees absolute, the helium became fixed. A later experiment with $1\frac{1}{2}$ degrees absolute and a pressure of 28 atmospheres was successful. The first experiment was accomplished in a steel tube, the second in a glass tube. The test of solidification was arranged in the following way: In the glass tube containing a few cubic centimeters of liquid helium, a piece of steel was placed. As long as the helium remained liquid, the steel could be moved by means of a magnet. As soon as the helium had become solidified the steel was frozen in and immovable."

UNIVERSITY AND EDUCATIONAL NOTES

AN agreement has been signed for the sale of the *West Australian* and its allied weekly, the *Western Mail*, to London investors. Perth University and the Anglican Church will benefit by three quarters and one quarter, respectively, of the proceeds, which are estimated at £600,000, under the terms of the will of the late owner, Mr. Hackett. The money must be used to build a memorial hall and an Anglican college, and to assist to maintain deserving university students.

C. R. HOOVER, senior professor of chemistry, has been elected vice-president of Wesleyan University, Middletown, Conn. G. Albert Hill is now acting as chairman of the department of chemistry.

DR. MERIT SCOTT, who for the past five years has been a member of the physics staff at Cornell University, has accepted the position of assistant professor of physics at Union College, Schenectady, N. Y.

AT Western Reserve University, Dr. George B. Ray has been promoted to an assistant professorship of physiology, and Dr. S. W. Chase to an assistant professorship of histology and embryology.

RALPH E. GRIM, graduate student in geology at Yale University, has been appointed assistant professor of geology at the University of Mississippi. He will also be assistant geologist on the Mississippi Geological Survey.

DR. R. J. RUSSELL, of the University of California, will go to Texas Technological College as associate professor of geology.

N. T. BOURKE, M.E. (Purdue), has gone from the University of Arkansas to the University of North Dakota as professor of mechanical engineering to succeed George B. Wharen, who died in May.

DR. ROGER C. SMITH, associate professor of entomology, and Dr. Ralph L. Parker, assistant professor